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542,084

PATENT COOPERATION TREATY

PCT

Re PCT/PTO 13 JUL 2005

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

10/542084

Applicant's or agent's file reference PCT040320E		FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/CN2004/000123		International filing date (day/month/year) 16.Feb 2004(16.02.2004)	Priority date (day/month/year) 27.Feb 2003(27.02.2003)
International Patent Classification (IPC) or national classification and IPC IPC 7 :G11B20/10			
Applicant SHENZHEN UNIVICTORY INVESTMENT CO.LTD. ET AL			
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> <p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>			
Date of submission of the demand 16.Feb 2004(16.02.2004)		Date of completion of this report 02.Sept 2004(02.09.2004)	
Name and mailing address of the IPEA/		Authorized officer Xie, Xuebin	
Facsimile No.		Telephone No. 86-10-62084943	

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4)
 - ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☒ the international application as originally filed/furnished
- ☐ the description:
- | | | |
|---------|-------|-------------------------------------|
| pages | _____ | as originally filed/furnished |
| pages * | _____ | received by this Authority on _____ |
| pages * | _____ | received by this Authority on _____ |
- ☐ the claims:
- | | | |
|---------|-------|---|
| pages | _____ | as originally filed/furnished |
| pages * | _____ | as amended (together with any statement) under Article 19 |
| pages * | _____ | received by this Authority on _____ |
| pages * | _____ | received by this Authority on _____ |
- ☐ the drawings:
- | | | |
|---------|-------|-------------------------------------|
| pages | _____ | as originally filed/furnished |
| pages * | _____ | received by this Authority on _____ |
| pages * | _____ | received by this Authority on _____ |
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
 - ☐ the claims, Nos. _____
 - ☐ the drawings, sheets/figs _____
 - ☐ the sequence listing (*specify*): _____
 - ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
 - ☐ the claims, Nos. _____
 - ☐ the drawings, sheets/figs _____
 - ☐ the sequence listing (*specify*): _____
 - ☐ any table(s) related to sequence listing (*specify*): _____
- * If item 4 applies, some or all of those sheets may be marked "superseded."

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement:**

Novelty (N)

Claims 1-3

YES

Claims

NO

Inventive step (IS)

Claims 1-3

YES

Claims

NO

Industrial applicability (IA)

Claims 1-3

YES

Claims

NO

2. Citations and explanations (Rule 70.7)

D1:JP2002163051A

D2:WO0165827A

D3:KR2002042980A

The cited document 1 discloses that, when USB series B type special receptacle connectors of USB devices are connected to USB series B type special plug connectors of a cable, a control signal is generated for controlling a switching controller to change the USB devices from device function to USB host function, then two USB device connected together. Whereas, the cited document 1 does not discloses a switch provided between audio output and USB connector as claimed in the invention, which performs both functions of audio outputting and USB connection.

The cited document 2 discloses a system for the flexible connection between a mobile telephone and peripheral devices, such as digital camera, through existing earphone jack. Said system implements the two functions of data transmission and audio outputting using the earphone jack. However, said system does not provide a solution to perform data transmission with USB connection.

The cited document 3 discloses a multi adapter for providing convenient connection between the sound card jack and USB connection jack in the computer and the audio peripheral apparatus and USB peripheral apparatus outside the computer. The cited document 3 forms a switch on the housing of said adapter, and arranges said USB connector and audio jack (including speaker hole, microphone hole, earphone hole) on different sides of the adapter, respectively. Said switch selects different functions of different jacks. The USB connector and audio jack in the cited document 3 are still conventional jack form, and said switch is switching between the existing jacks. In the invention, however, a uniform jack is provided, and said switch is switching between the circuitry for audio outputting and USB connection. As set forth above, none of the cited document 1, 2 and 3 disclose the invention. Accordingly the invention complies with Art 33.